



TWECO FUSION™ MIG GUNS



More Buy
For Your Buck.

TWECO FUSION™ MIG GUNS SELECTION CHART

Amps	MIG Gun	DIY/Hobby	Farm	MRO	Autobody	Light Fab
≤ 150 Amps	Best Fit: Tweco Fusion 140 Alternate Fit: Tweco Fusion 180	Best	Good	Good	Best	
150 – 200 Amps	Best Fit: Tweco Fusion 180 Alternate Fit: Tweco Fusion 220	Best	Best	Best	Best	
200 – 250 Amps	Best Fit: Tweco Fusion 220 Alternate Fit: Tweco Fusion 250	Good	Best	Best	Best	Best
≥ 250 Amps	Best Fit: Tweco Fusion 250		Best	Best	Best	Best

TWECO FUSION™ MIG GUNS

Rear Connection	Tweco Fusion™ 140 Part Number / Stock Number	Tweco Fusion™ 180 Part Number / Stock Number	Tweco Fusion™ 220 Part Number / Stock Number	Tweco Fusion™ 250 Part Number / Stock Number
Thermal Arc® (8 Pin)	F140TA-10-3035 1017-1321	F180TA-12-3035 1017-1332	F220TA-12-3035 1023-1261	FV215-TA-3545 1023-1097
Tweco® (4 Pin)	F140T-10-3035 1017-1320	F180T-12-3035 1017-1331	F220T-15-3035 1023-1260	FV215-3545 1023-1061
Miller®	F140M-10-3035 1017-1319	F180M-12-3035 1017-1330	F220M-15-3035 1023-1259	FV215-M-3545 1023-1069
Lincoln®	F140L-10-3035 1017-1318	F180L-12-3035 1017-1329	F220L-15-3035 1023-1258	FV215-L-3545 1023-1085
Euro-Kwik	F140X-10-3035 1017-1323	F180X-12-3035 1017-1334	F220X-15-3035 1023-1263	FV215-X-3545 1023-1091

POWER SUPPLY COMPATIBILITY

Thermal Arc® Connector (8 Pin)	Tweco® Connector (4 Pin)	Miller® Connector	Lincoln® Connector	Euro-Kwik Connector
Thermal Arc® Fabricator 141i, 181i, 211i & 252i	Thermal Arc® Fabricator 140, 180, 190, 210, 251 & 281 Lincoln® SP100, SP100T, SP125 Plus, SP130, SP170T & SP170 Plus Hobart® Beta Mig 170	Millermatic® 130, 130 XP, 135, 140, 150, 155, 175, 180, 185, 200, 210, 211, 212 Hobart® Handler 130XL, 210, Trek 180, Ironman™ 210	Lincoln® SP140T, SP180T, PowerMIG® 140C & 180C, Easy-Core™ 125, Pro-Core™ 125, Easy-MIG™ 140, Weld-Pak 125HD, 140HD & 180HD, MIG-Pak™ 140 & 180, Easy-MIG® 180, Pro-MIG™ 140 & 180	ESAB® MigMaster® 160 & 173

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TWECO® UNIVERSAL CONDUIT LINER



Steps to select the correct conduit liner and adapter.
Refer to the Adapter Compatibility Chart on the right:

1. What wire size are you using?
2. Pick the related Tweco liner, 15-foot or 25-foot.
3. What MIG gun brand are you using? For Tweco, Lincoln & Profax brands, the Tweco Universal Conduit liner has the adapter already attached (skip to step 7).
4. For other brands, pick the related adapter.
5. Unscrew the adapter from the Tweco Universal Conduit liner.
6. Then screw-on the selected adapter, and hand tighten it.
7. Use as any standard liner. For assembly, follow instructions on the inside panel of the Tweco Universal Conduit box.

One Liner.
One Choice.

ADAPTER COMPATIBILITY CHART

Wire Size	Tweco® Universal Conduit Liner	Tweco®	Lincoln®	Profax®	Miller® Migmatic®	Hobart®	Bernard®	Miller® Roughneck®	Tregaskiss®
.030" – .035" (0.8 – 0.9 mm)	42-3035-15 (15 ft.) 42-3035-25 (25 ft.)								
.040" – .045" (1.0 – 1.1 mm)	42-4045-15 (15 ft.) 42-4045-25 (25 ft.)								
1/16" (1.6 mm)	42-116-15 (15 ft.) 42-116-25 (25 ft.)								
.035" – .045" (0.9 – 1.1 mm)	44-3545-15 (15 ft.) 44-3545-25 (25 ft.)	Adapter Part # 44U-TWE Stock # 14401235 (1 each)			Adapter Part # 44U-MIL-M Stock # 14401238 (1 each)	Adapter Part # 44U-BER Stock # 14401236 (1 each)	Adapter Part # 44U-BER Stock # 14401236 (1 each)	Adapter Part # 44U-MIL-C Stock # 14401248 (1 each)	Adapter Part # 44U-TRE Stock # 14401219 (1 each)
1/16" (1.6 mm)	44-116-15 (15 ft.) 44-116-25 (25 ft.)	Stock # 14401240 (25 each)			Stock # 14401245 (25 each)	Stock # 14401242 (25 each)	Stock # 14401242 (25 each)	Stock # 14401217 (1 each)	Stock # 14401220 (25 each)
5/64" (2.0 mm)	44-564-15 (15 ft.) 44-564-25 (25 ft.)								
3/32" (2.4 mm)	44-332-15 (15 ft.) 44-332-25 (25 ft.)	Adapter Part # 44U-TWE-H Stock # 14401239 (1 each)			Adapter Part # 44U-MIL-H Stock # 14401246 (1 each)	Adapter Part # 44U-BER-H Stock # 14401243 (1 each)	Adapter Part # 44U-BER-H Stock # 14401243 (1 each)	Adapter Part # 44U-MIL-C-H Stock # 14401217 (1 each)	Adapter Part # 44U-TRE-H Stock # 14401221 (1 each)

COMPETITIVE LINER PART NUMBER CONVERSION CHART

Wire Size	Lincoln®	Profax®	Bernard®	Miller® Migmatic®	Hobart®	Miller® Roughneck®	Tregaskiss®
.030" – .035" (0.8 – 0.9 mm)	KP42-3035-XX 42-3035-15 42-3035-25	PX42-3035-XX 42-3035-15 42-3035-25		194011 42-3035-15 42-3035-25	172258; 196139 42-3035-15 42-3035-25		415-30-XX 42-3035-15 42-3035-25
.040" – .045" (1.0 – 1.1 mm)	KP42-4045-XX 42-4045-15 42-4045-25	PX42-4045-XX 42-4045-15 42-4045-25	431XX 42-4045-15 42-4045-25				
.035" – .045" (0.9 – 1.1 mm)	KP44-3545-XX 44-3545-15 44-3545-25	PX44-3545-XX 44-3545-15 44-3545-25	441XX; 1920158 44-3545-15 44-3545-25	194012 44-3545-15 44-3545-25	172259; 196140 44-3545-15 44-3545-25		415-35-XX 44-3545-15 44-3545-25
1/16" (1.6 mm)	KP44-116-XX 44-116-15 44-116-25	PX44-116-XX 44-116-15 44-116-25	442XX; 1920163 44-116-15 44-116-25			202891 44-116-15 44-116-25	415-116-XX 44-116-15 44-116-25
5/64" (2.0 mm)	KP44-564-XX 44-564-15 44-564-25	PX44-564-XX 44-564-15 44-564-25	1920356 44-564-15 44-564-25	194013 44-564-15 44-564-25		202892 44-564-15 44-564-25	415-564-XX 44-564-15 44-564-25
3/32" (2.4 mm)		PX44-332-XX 44-332-15 44-332-25				202893 44-332-15 44-332-25	415-332-XX 44-332-15 44-332-25

*Tweco Universal Conduit Liner supplied standard with Tweco adapter fitted. Tweco Conduits for Lincoln and Profax do not require adapters. Lincoln is a registered trademark of Lincoln Electric Co. Profax is a registered trademark of Profax. Bernard, Miller, Migmatic, Hobart, Roughneck and Tregaskiss are registered trademarks of Illinois Tool Works, Inc. The aforementioned trademarks and their respective owners are in no way affiliated with Victor Technologies International, Inc. Tweco is a registered trademark of Victor Technologies International, Inc.

TWECO® VELOCITY™ CONSUMABLES

Speed Made Easy!

VELOCITY™ CONSUMABLES

Velocity™ Nozzles	Velocity™ Contact Tips
VNS-50F	VTS-23
VNS-50	VTS-30
VNS-37F	VTS-35
VNS-37	VTS-40
VNS-62F	VTS-45
VNS-62	VTS-364
VNS-75FAS	VTS-364
VNS-FC	VTS-52
	VTS-116
	VTS-116
	VTS-564

VELOCITY™ NOZZLE

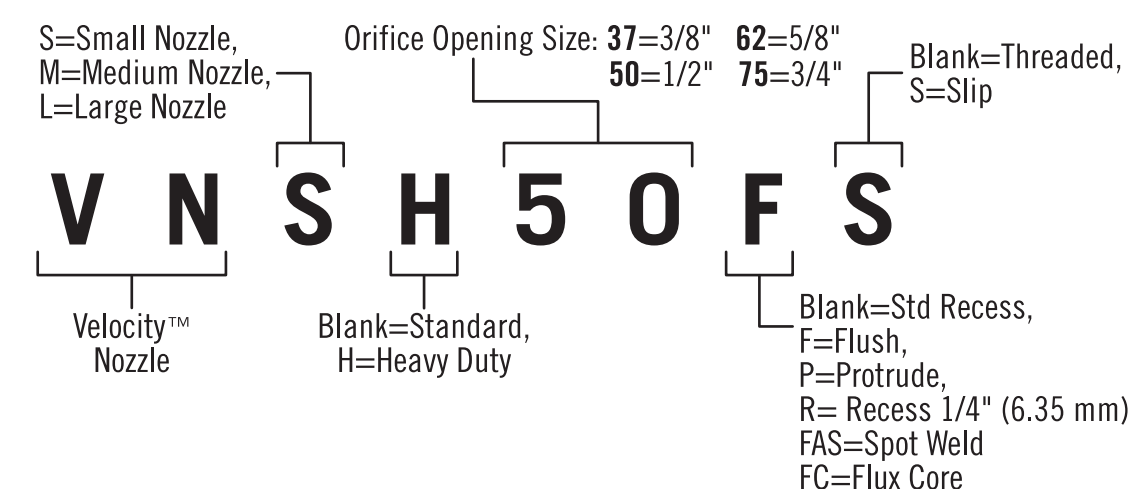


VELOCITY™ CONTACT TIP



Patent Pending

VELOCITY™ NOZZLE IDENTIFICATION



VELOCITY™ CONTACT TIP IDENTIFICATION

